

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2018-03
Christian | US 68 | 2-899

This document constitutes a Request for Proposals for a Professional Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

County - Christian
Route - US 68
Item No. - 02-0899.00
Project Description - Address congestion and mobility of US 68 from KY 91 to KY 1007 in Hopkinsville

II. PROJECT INFORMATION

Project Manager - Charlotte M Cotton, P.E.
User Division - Highway Design
Approximate Fee - \$200,000 Preliminary Engineering (Lump Sum)
Project Funding - Federal Funds (NH Funds)
Project Length - Approximately 1 mile

III. PURPOSE AND NEED

The purpose of this project is to address congestion and mobility on US 68, from the KY 91 junction to the KY 1007 intersection. The existing two-lane facility is classified as an Urban Principal Arterial with an August 2017 ADT count of 9,841. This portion of US 68 is utilized as the most direct route for motorist coming from the western part of Christian County, outlying western counties and from I-24, mobilizing into downtown Hopkinsville. This section of US 68, also conveys additional traffic from KY 91 and KY 109, into downtown Hopkinsville. The congestion of this corridor of US 68 can be linked to the predominant commercial presence and thru movement into downtown, but is also heavily influenced by traffic going to KY 1007 (North Drive) being located at the end termini of this project.

KY 1007 is location to University Heights Academy, Pennyroyal Center, Ruff Park, Hopkinsville Community College, Pennyroyal Mental Health, Christian County Middle and High School, the Breathitt Veterinary Center.

IV. DBE REQUIREMENT

The Consultant team shall include a DBE Participation Plan with their Response to Announcement. An additional page will be allowed with the Project Approach (page 7) in the Response to Announcement to convey this plan. A maximum of 4 points will be considered in the Evaluation Factors for the DBE Participation Plan.

V. SCOPE OF WORK

The selected Consultant will be required to provide engineering services to perform Preliminary Engineering. Preliminary Engineering includes preliminary line and grade plans, traffic engineering analysis as per Design Memo 03-11, preliminary drainage, preliminary structure design, and cost estimates.

The selected Consultant may be required to provide Final Roadway Design, which may be added to the contract agreement by a contract modification when Preliminary Engineering is complete. Final Roadway Design includes, at a minimum, preparation of joint inspection plans, drainage design, Preliminary, Advanced, and Final drainage folders, right-of-way plans, construction plans including storm water construction and post construction Best Management Practices (BMP), signing and pavement marking plans, traffic control plans, final cost estimates, and an anticipated construction schedule. Signal plans may also be required.

VI. SPECIAL INSTRUCTIONS

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

VII. AVAILABLE STUDIES

[DNA Study: US 68 | Item 2-899 | Christian County](#)

A FEMA Flood Map can be accessed here: <https://msc.fema.gov/portal>

VIII. METHOD OF DESIGN

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

IX. ENVIRONMENTAL

Any necessary Environmental Services will be provided by the Department. It is anticipated that a Categorical Exclusion Level 1 document will be prepared and provided to the Consultant for consideration during evaluation of alternatives.

X. PHOTOGRAMMETRIC SERVICES

The Department will provide Light Detection and Ranging (LiDAR) terrain mapping. The selected Consultant shall supplement this information with conventional surveying as needed.

XI. STRUCTURE DESIGN

The selected Consultant shall do the necessary preliminary engineering services for necessary and appropriate hydraulic analysis and structure sizing in order to appropriately evaluate impacts.

If the project advances to Final Roadway Design, and if the selected Consultant is retained for Final Roadway Design, they shall do the necessary engineering service to submit to the KYTC an Advanced Situation Folder(s) for the appropriate applicable structure(s). The Structure Design may be performed by the Consultant. Structure Design Services may be added to the Contract by Contract Modification. Prequalification in the area of Structure Design is required to be identified in the Consultant’s Response to Announcement.

XII. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services required for the project.

XIII. TRAFFIC

The Traffic projections and related information will be provided by the Department.

XIV. UTILITIES

The selected Consultant will be responsible for determining the existing locations of utilities to determine feasibility of redesign or utility relocation and cost estimates.

The selected Consultant shall locate all existing utilities and locate them on the plans provided to the Department. The Department provides a preliminary utility contact list below. All utilities including aerial carriers shall be field-verified by the Consultant. Sizes and types of underground and aerial utilities shall be identified on the plans.

PRECC
2000 Harrison Street
Hopkinsville, KY 42240
270-886-2555
Gary Breden

AT&T
801 Richard Street
Hopkinsville, KY 42240
270-889-9782
Michael Forrest

TVA
6405 Russellville Road
Bowling Green, KY 42101
270-846-7015
Mark Johnson

HWEA
401 East 9th street
Hopkinsville, KY 42240
270-887-4242
Mike Beck

Time Warner Cable
515 Double Springs Road
Bowling Green, KY 42101
270-392-1041
Tm Mracek

Atmos Energy
3275 Highland Pointe Road
Owensboro, KY 42303
270-685-8128
Chase Downing

Hopkinsville Electric System
1820 East 9th Street
Hopkinsville, KY 42241
270-887-4200
Jeff Hurd

Christian County Water District
1960 Dawson Springs Road
Hopkinsville, KY 42240
270-886-3696
James Owen

XV. PREQUALIFICATION REQUIREMENTS

To respond to this project the Consultant must be prequalified in the following areas by the response due date of this advertisement:

ROADWAY DESIGN

- Urban Roadway Design
- Rural Roadway Design
- Surveying

STRUCTURAL DESIGN

- Spans under 500 feet

TRAFFIC ENGINEERING

- Traffic Engineering Services
- Lighting Design
- Signal Design

XVI. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

- Bulletin Posted – September 12, 2017
- Response Date – October 4, 2017 by 4:30 PM ET (Frankfort Time)
- First Selection – October 9, 2017
- Final Selection – October 25, 2017
- Pre-Design Conference – November 1, 2017
- Fee Proposal – November 10, 2017
- Contract Negotiations – November 22, 2017
- Notice to Proceed – December 21, 2017

XVII. PROJECT SCHEDULE

- Conceptual Alternatives Meeting – March 1, 2018
- Public Meeting – April 17, 2018
- Preliminary Line & Grade Inspection – May 17, 2018

XVIII. EVALUATION FACTORS

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
2. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Capacity to comply with project schedule. (10 Points)
5. DBE Participation Plan. (4 Points)
6. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

XIX. SELECTION COMMITTEE MEMBERS

1. Charlotte M Cotton, P.E., User Division
2. Randy Turner, P.E., User Division
3. Evan Dick, P.E., Secretary's Pool
4. Andrew Stewart, P.E., Secretary's Pool
5. Wes Sydnor, P.E., Governor's Pool

XX. AREA MAP

